

**ABSTRACT**

An inkjet printer for high-volume pagewidth printing includes a support structure. A platen assembly is positioned in the support structure, the platen assembly defining a pagewidth printing zone. A print assembly is positioned operatively with respect to the platen assembly. The print assembly includes a chassis that is mounted on the support structure to span the printing zone. A plurality of printhead modules is positioned on the chassis. Each printhead module has a carrier, a printhead chip mounted on the carrier and a flexible printed circuit board connected to the chip to provide the chip with control signals. The  
10 printhead modules are positioned so that the printhead chips overlie the printing zone. A plurality of printed circuit boards is mounted on the chassis. Each printed circuit board has control circuitry that is connected to a predetermined number of printhead chips. The printer includes a feed mechanism for feeding print media through the printing zone, over the platen assembly.